

Figure 1

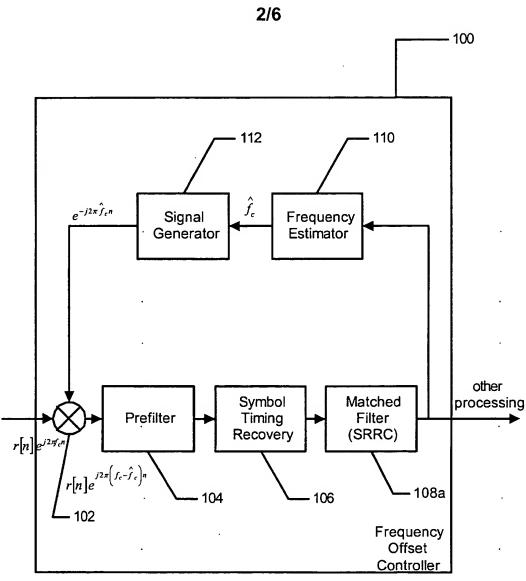


Figure 2

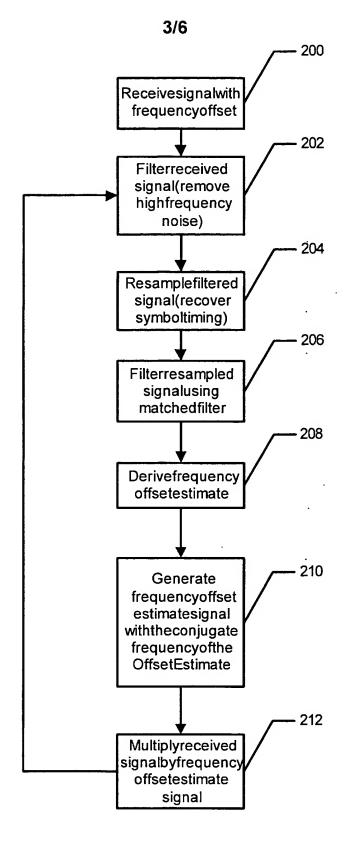


Figure 3

Figure 4 10 Mbaud symbol rate

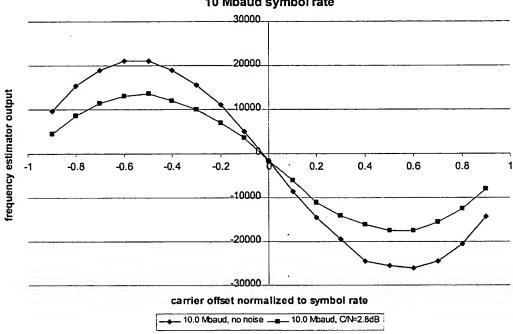
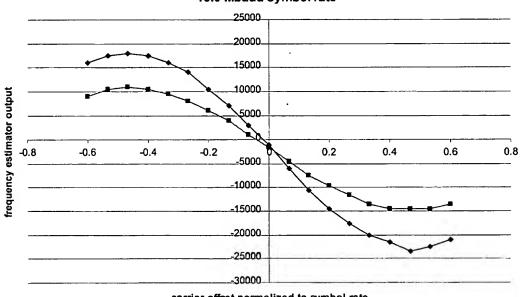
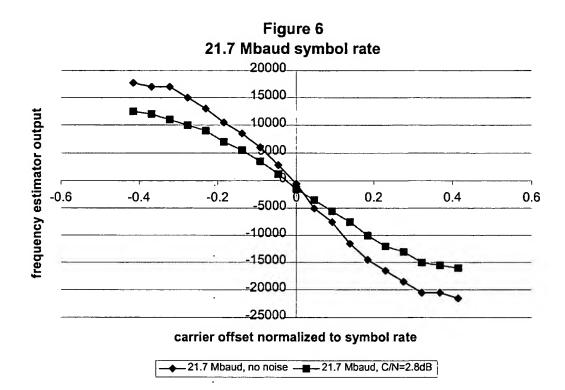


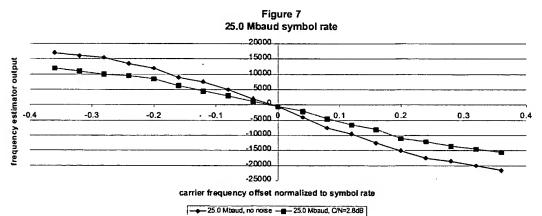
Figure 5 15.0 Mbaud symbol rate



carrier offset normalized to symbol rate

\_\_\_\_\_ 15.0 Mbaud, no noise \_\_\_\_ 15.0 Mbaud, C/N=2.8dB





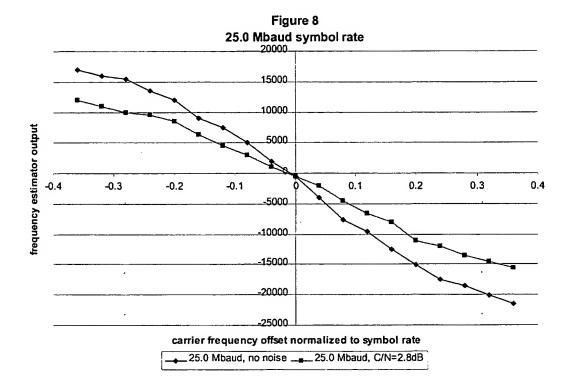


Figure 9
Calibration curves of frequency estimator as a function of symbol rate

